

# **Trends in World Energy: Preliminary Projections from the *International Energy Outlook 2003***

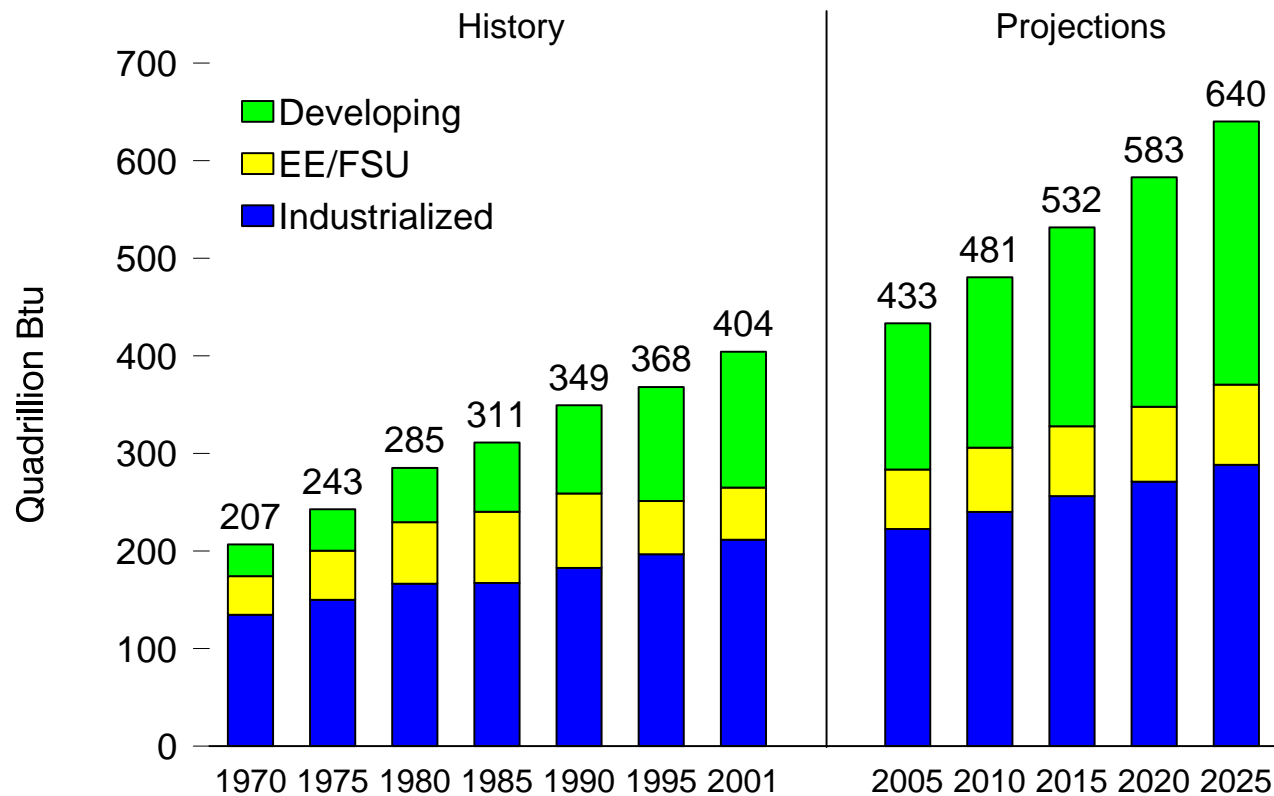
Linda E. Doman

Energy Information Administration

**March 18, 2003**

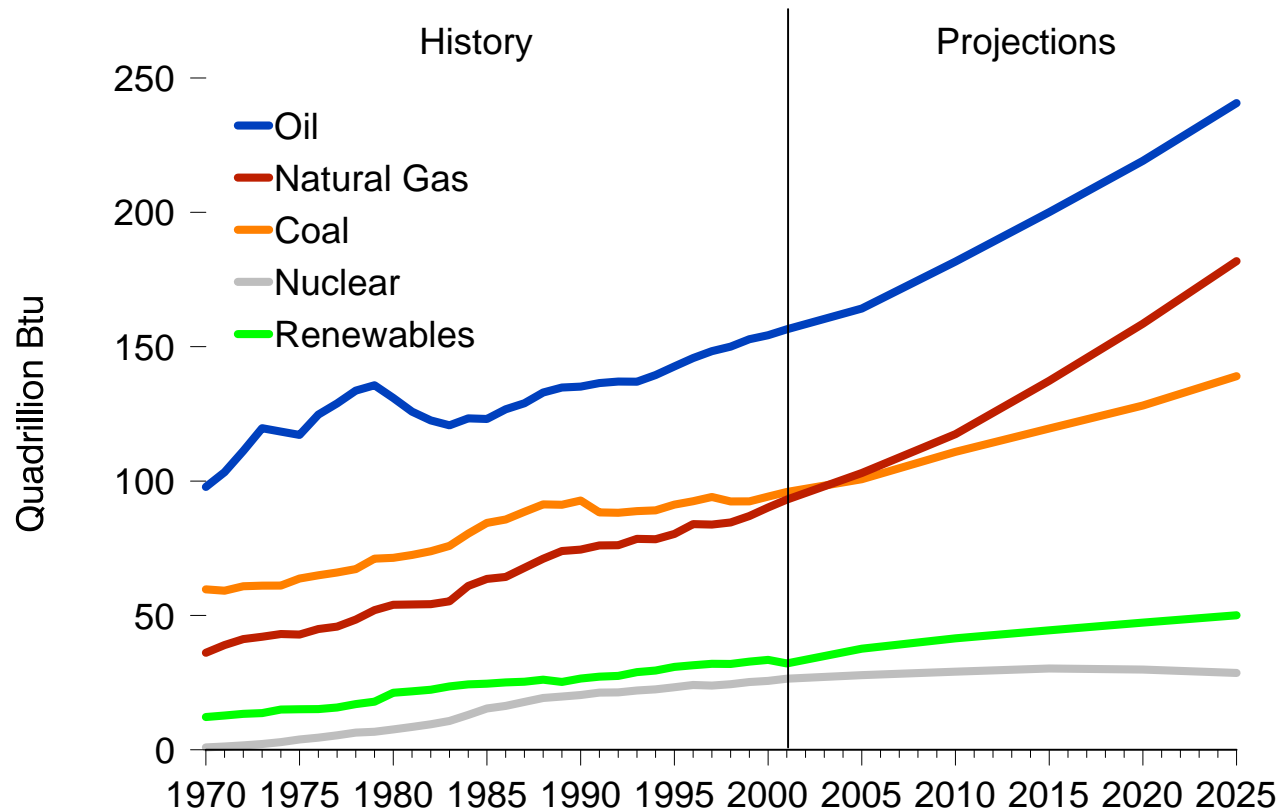


# Preliminary World Energy Consumption, 1970-2025



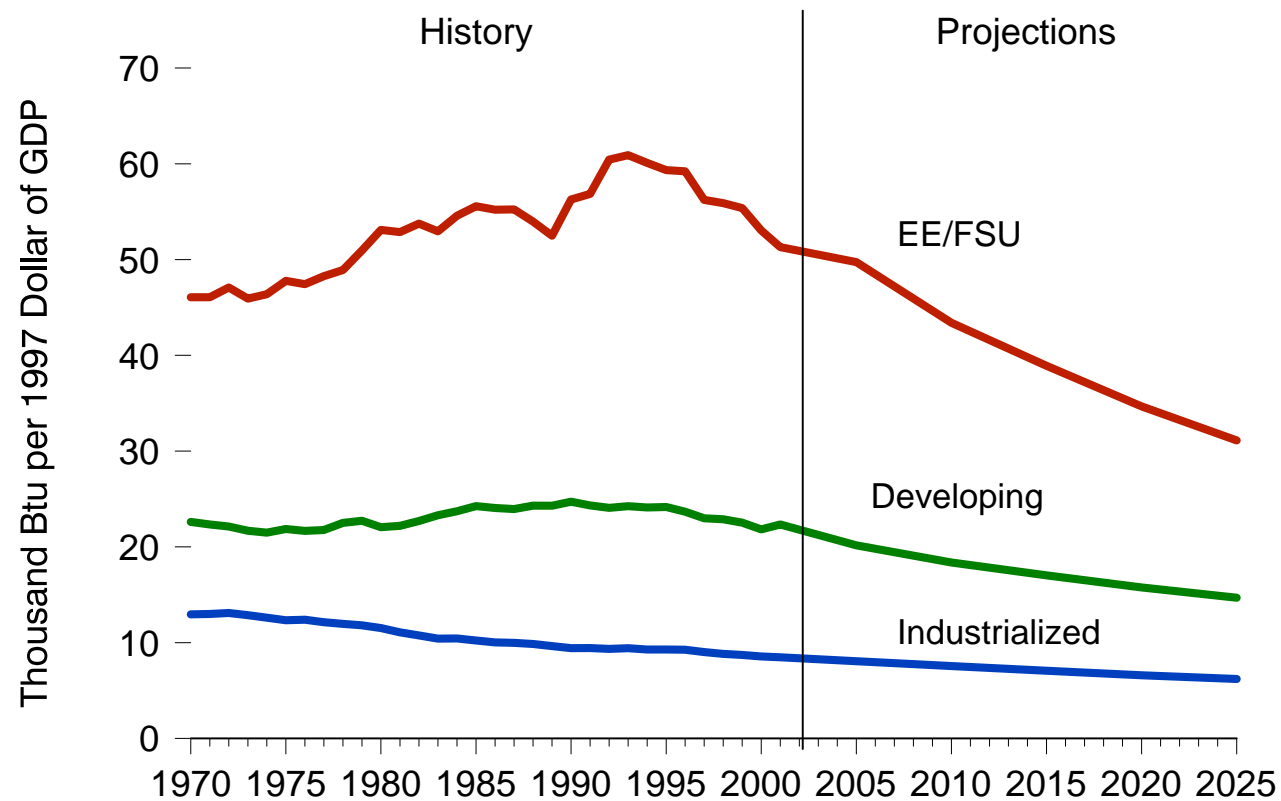
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary World Energy Consumption by Fuel Type, 1970-2025



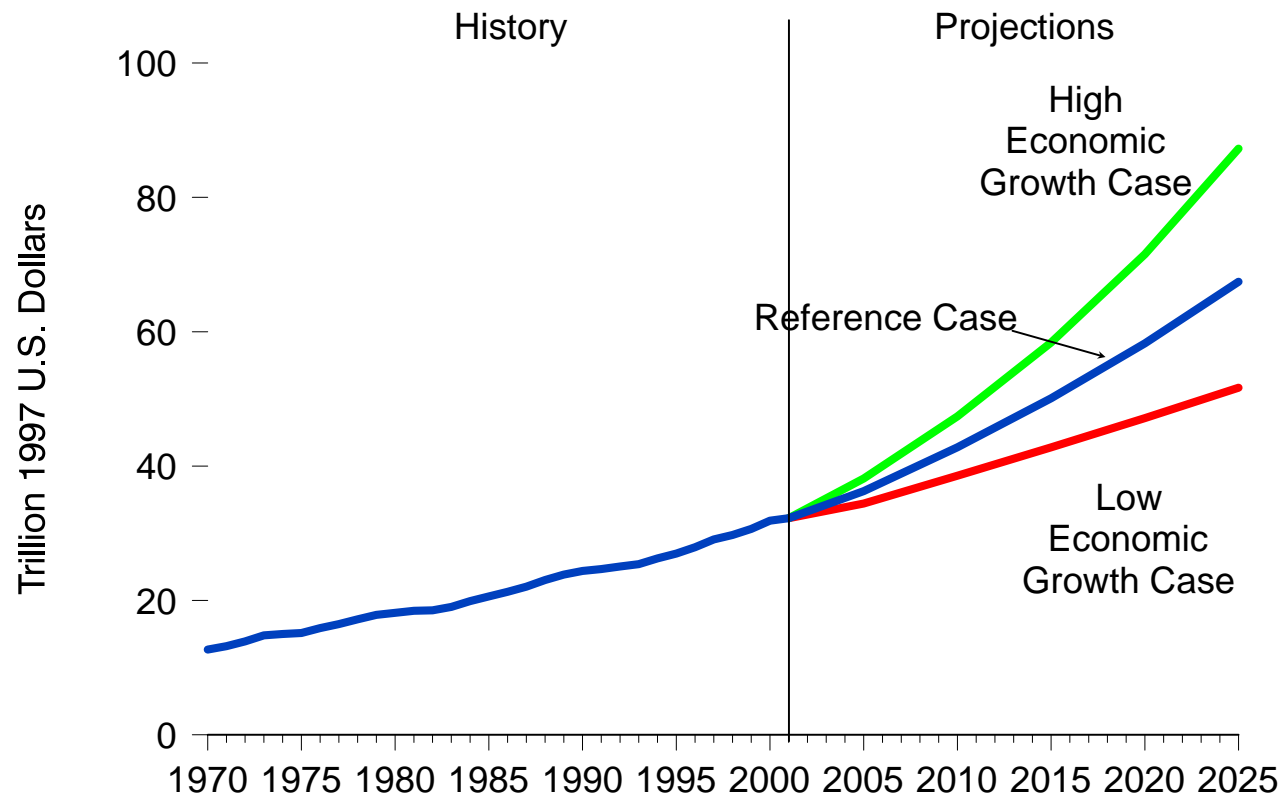
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary Energy Intensity by Region, 1970-2025



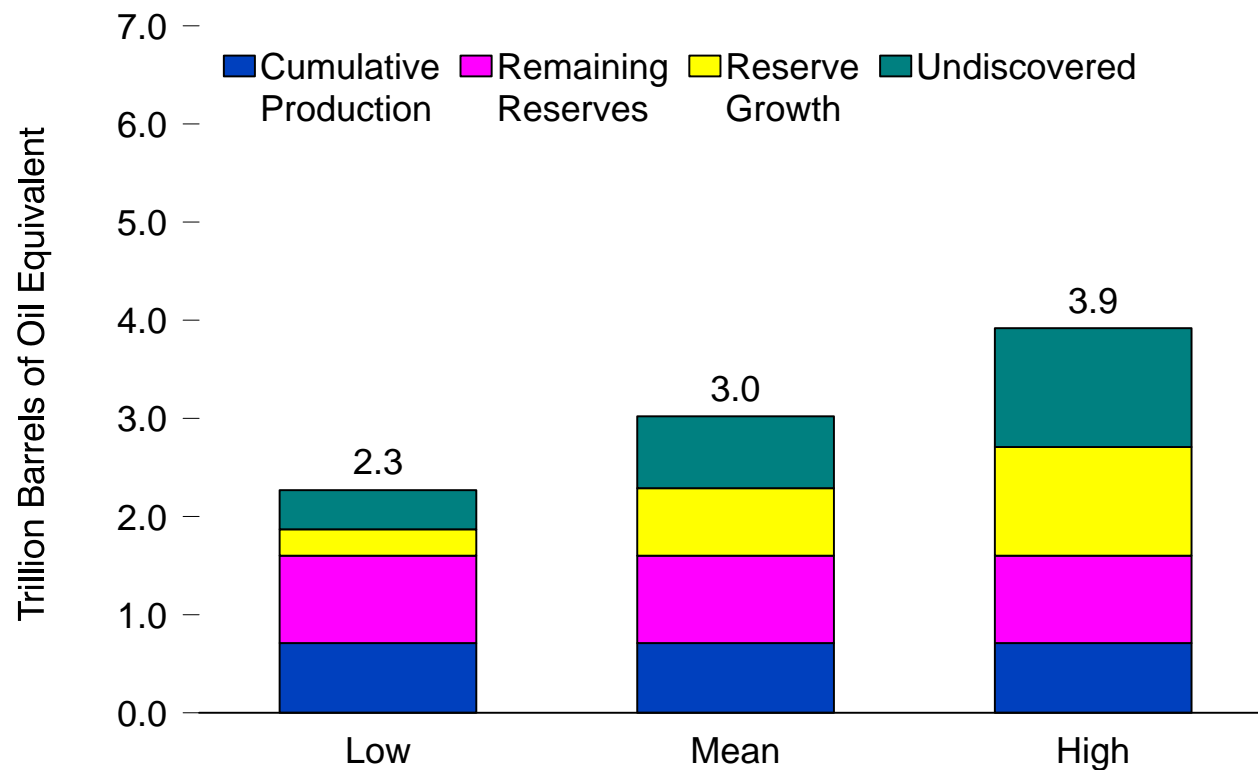
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary World Gross Domestic Product in Three Economic Growth Cases, 1970-2025



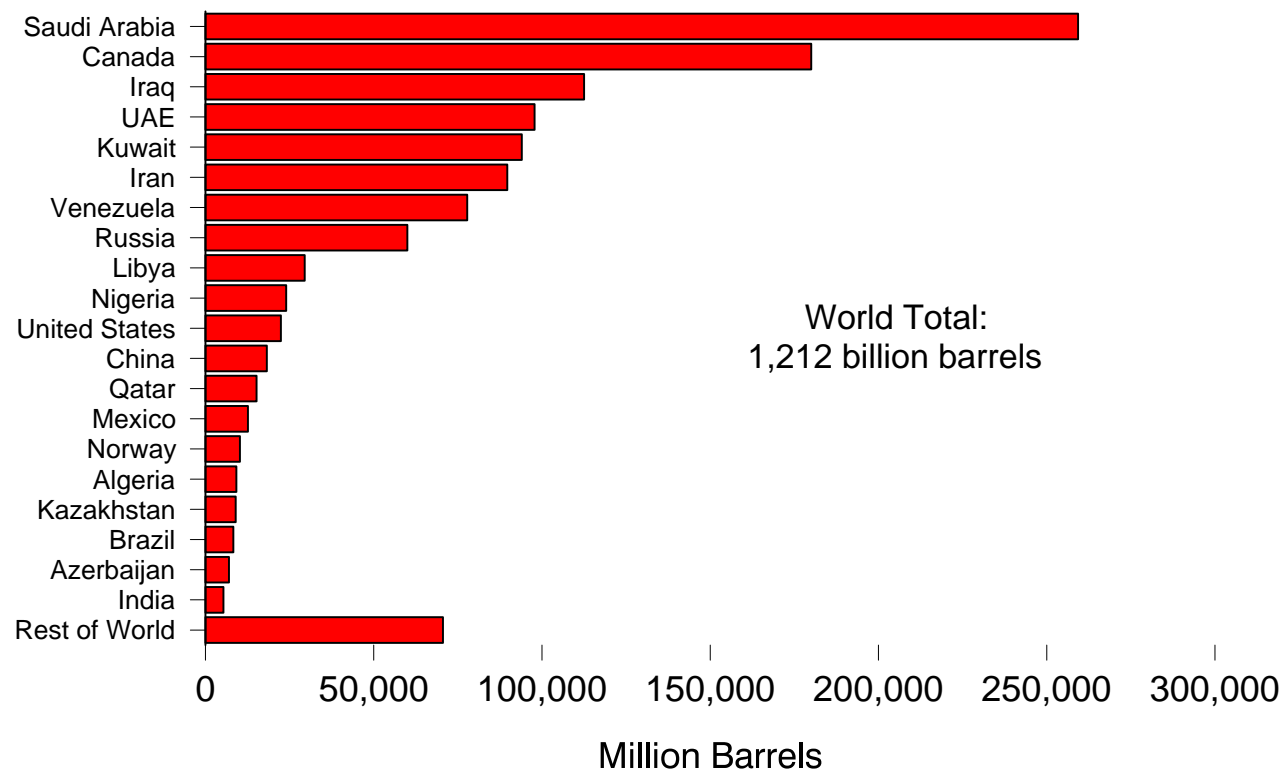
Source: Global Insight, Inc. World Economic Outlook, Vol. 1 (Lexington, MA, Third Quarter 2002): and System for the Analysis of Global Energy Markets (2003)

# Conventional World Oil Resources, 1995-2025



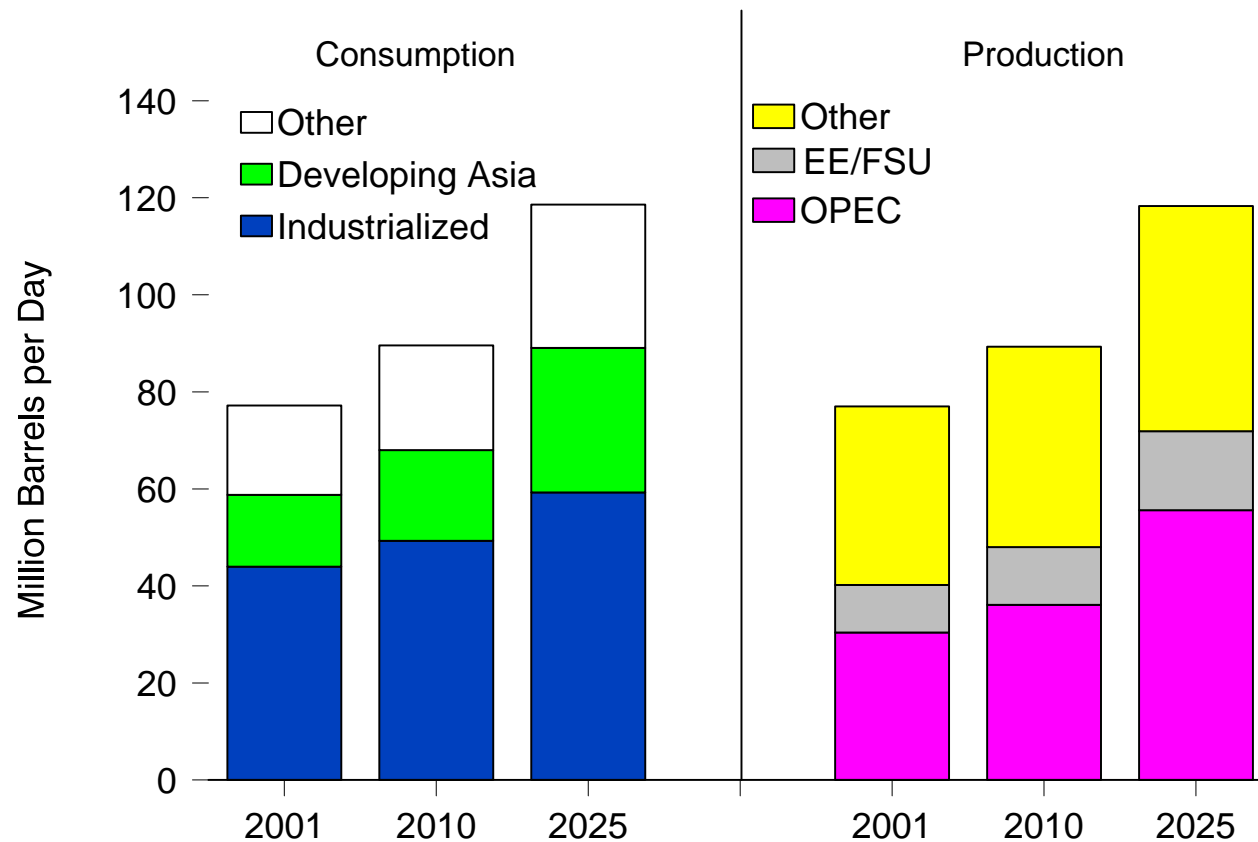
Source: US Geological Survey, *World Petroleum Assessment 2000*

# World Oil Reserves by Country, as of January 1, 2003



Source: "Worldwide Look at Reserves and Production." *Oil & Gas Journal*, Vol. 100, (December 23, 2003), pp. 114-115.

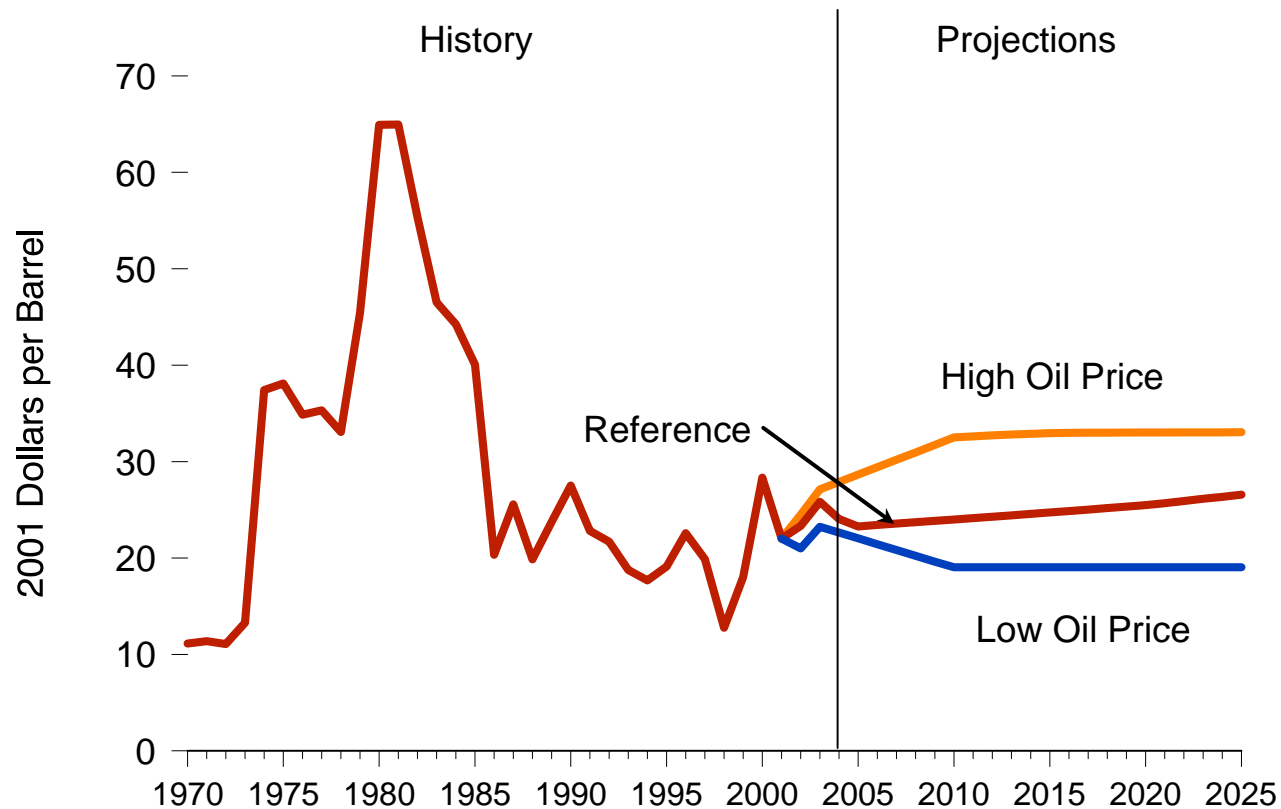
# Preliminary World Oil Consumption and Production, 2001, 2010, and 2025



Source: EIA, System for the Analysis of Global Energy Markets (2003)

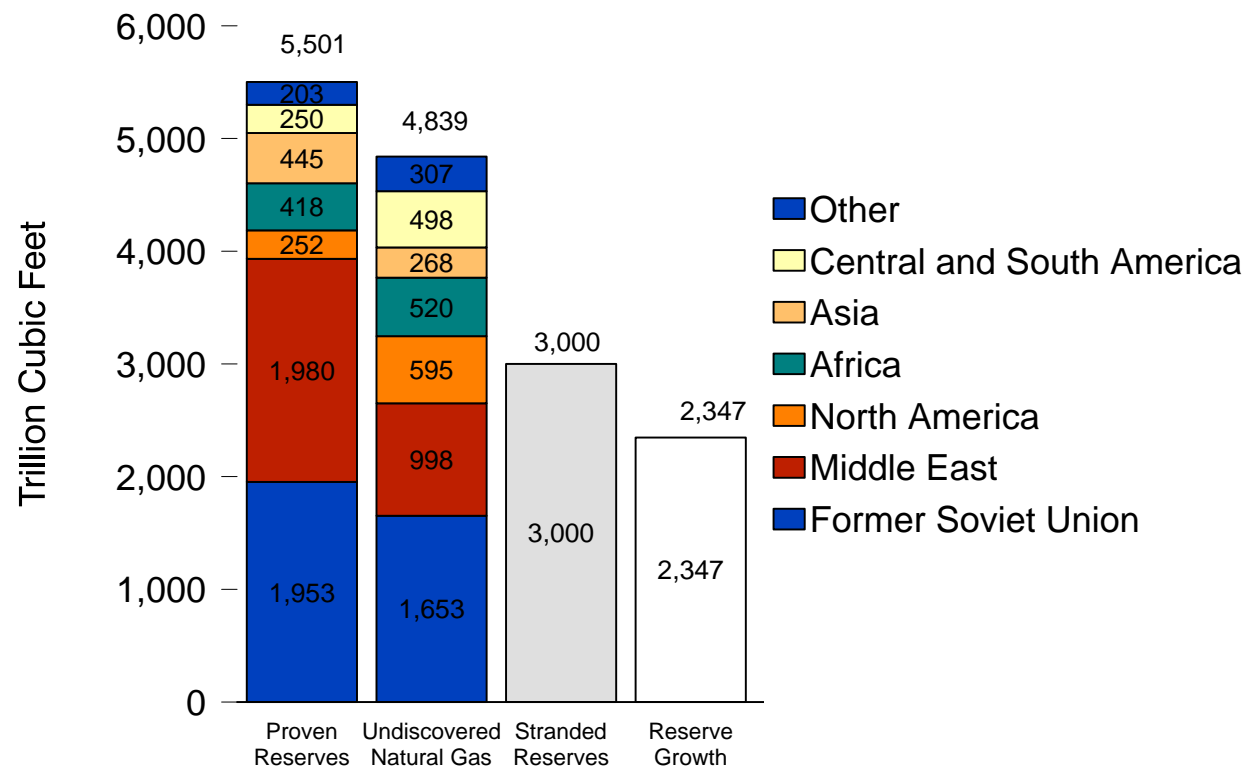


# Preliminary World Oil Prices in Three Cases, 1970-2025



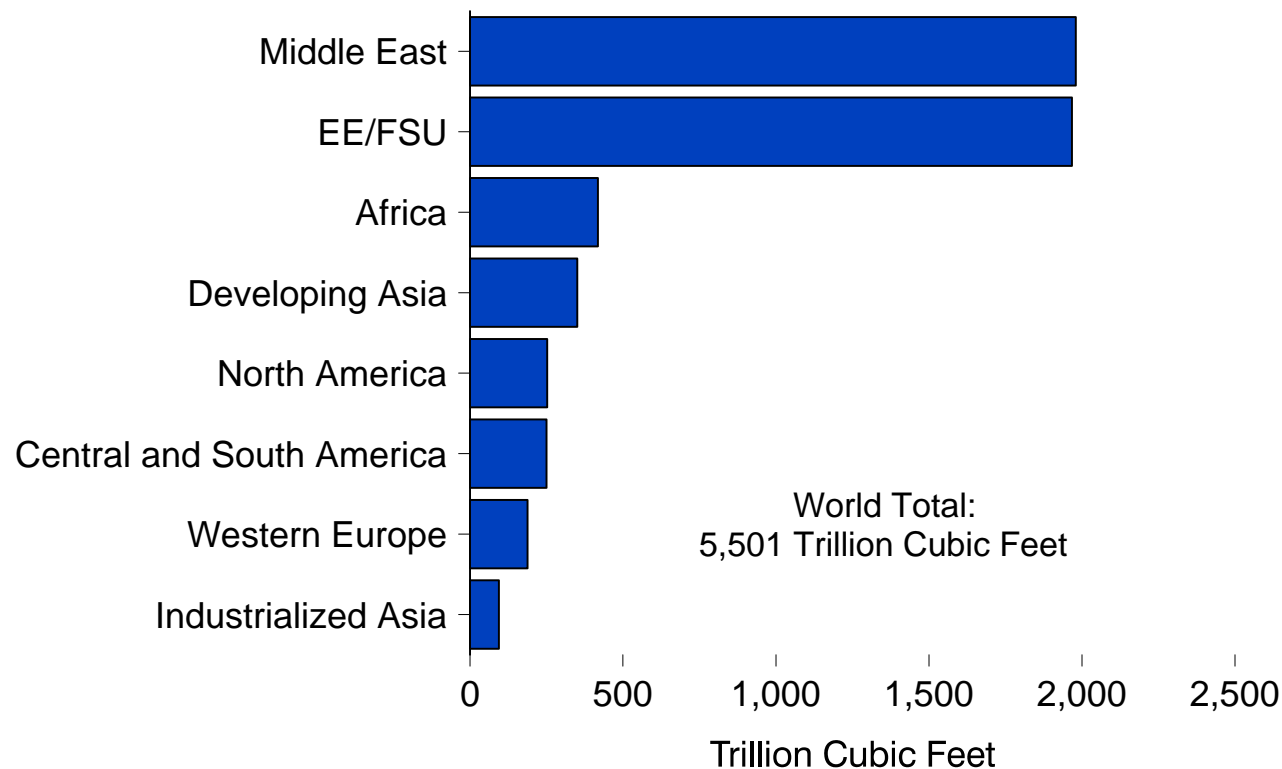
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# World Natural Gas Resources as of January 1, 2003



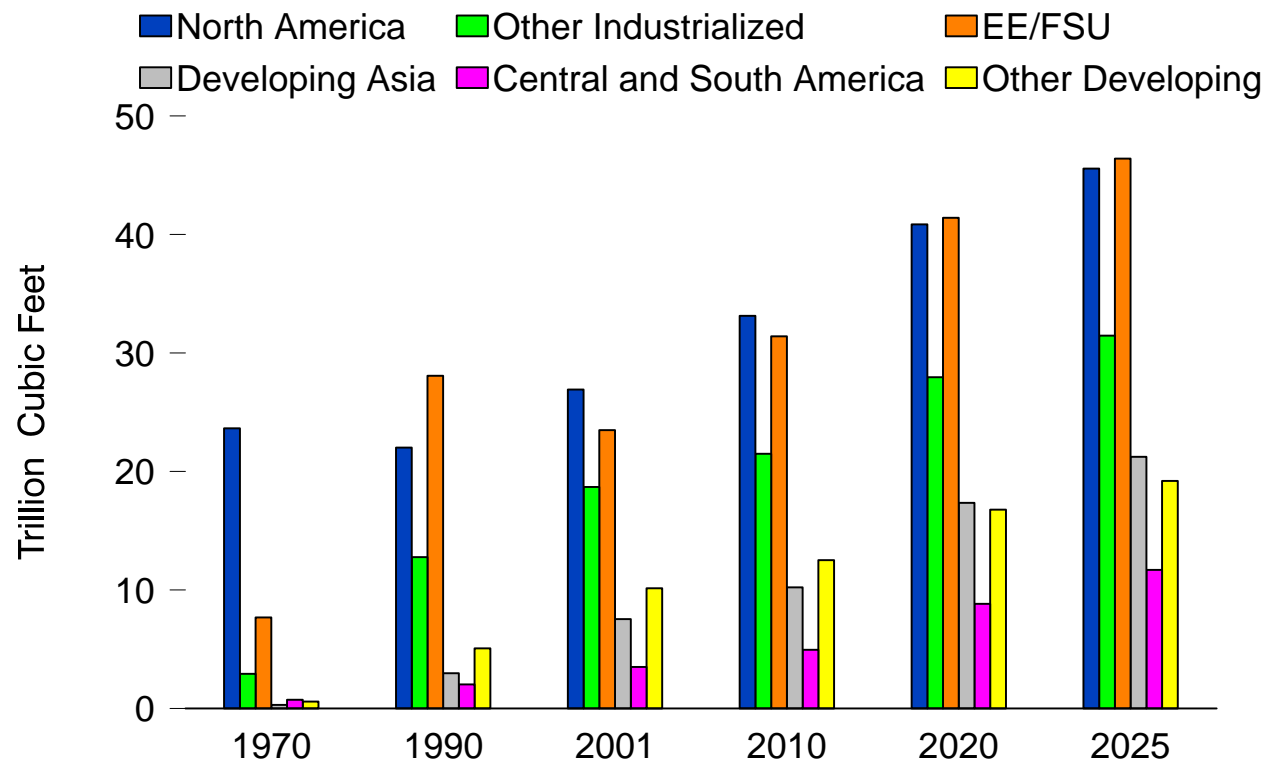
Source: US Geological Survey, *World Petroleum Assessment 2000*

# World Natural Gas Reserves by Region, as of January 1, 2003



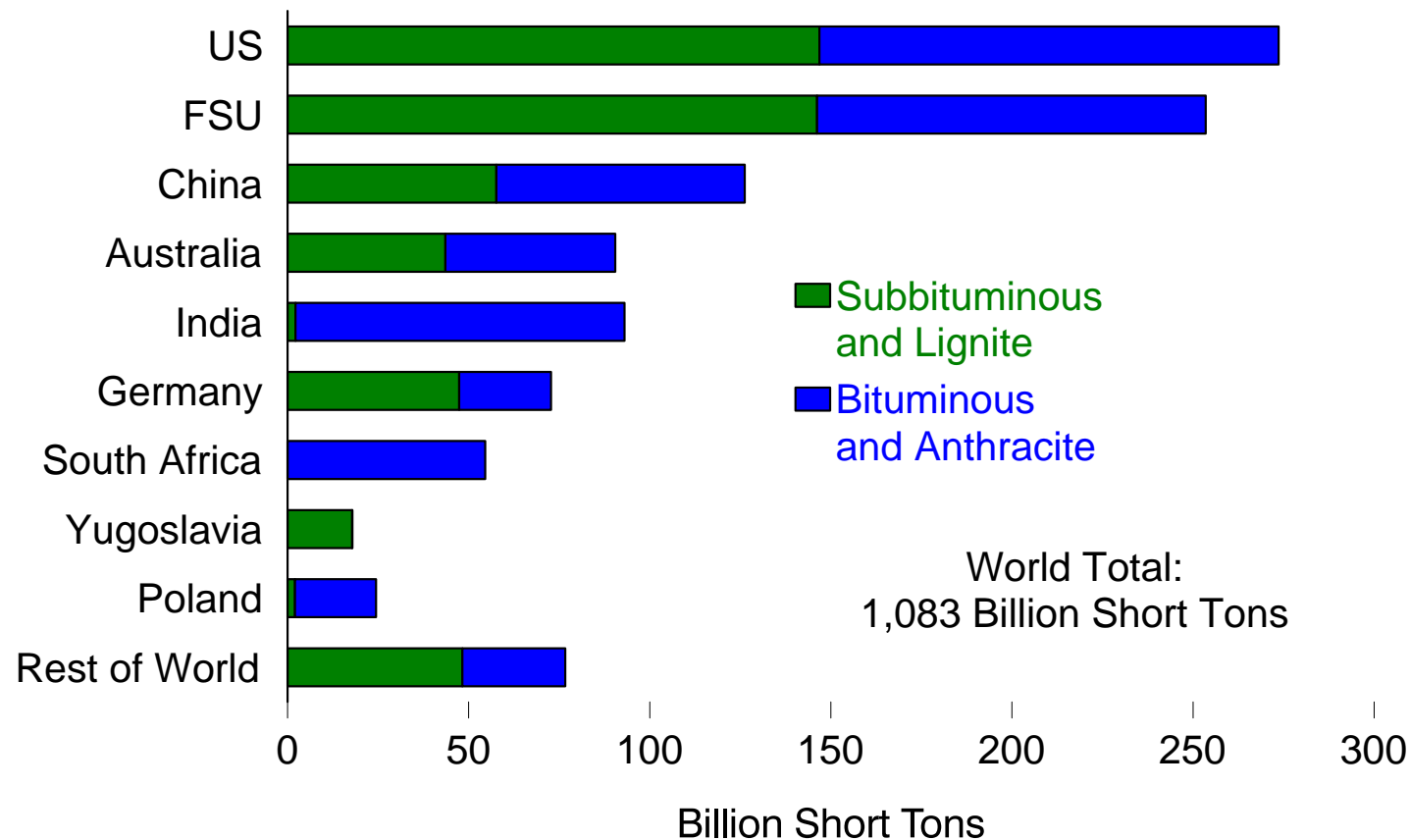
Source: "Worldwide Look at Reserves and Production," *Oil & Gas Journal*, Vol. 100, No. 52, December 23, 2001, pp. 114-115.

# Preliminary World Natural Gas Consumption by Region, 1970-2025



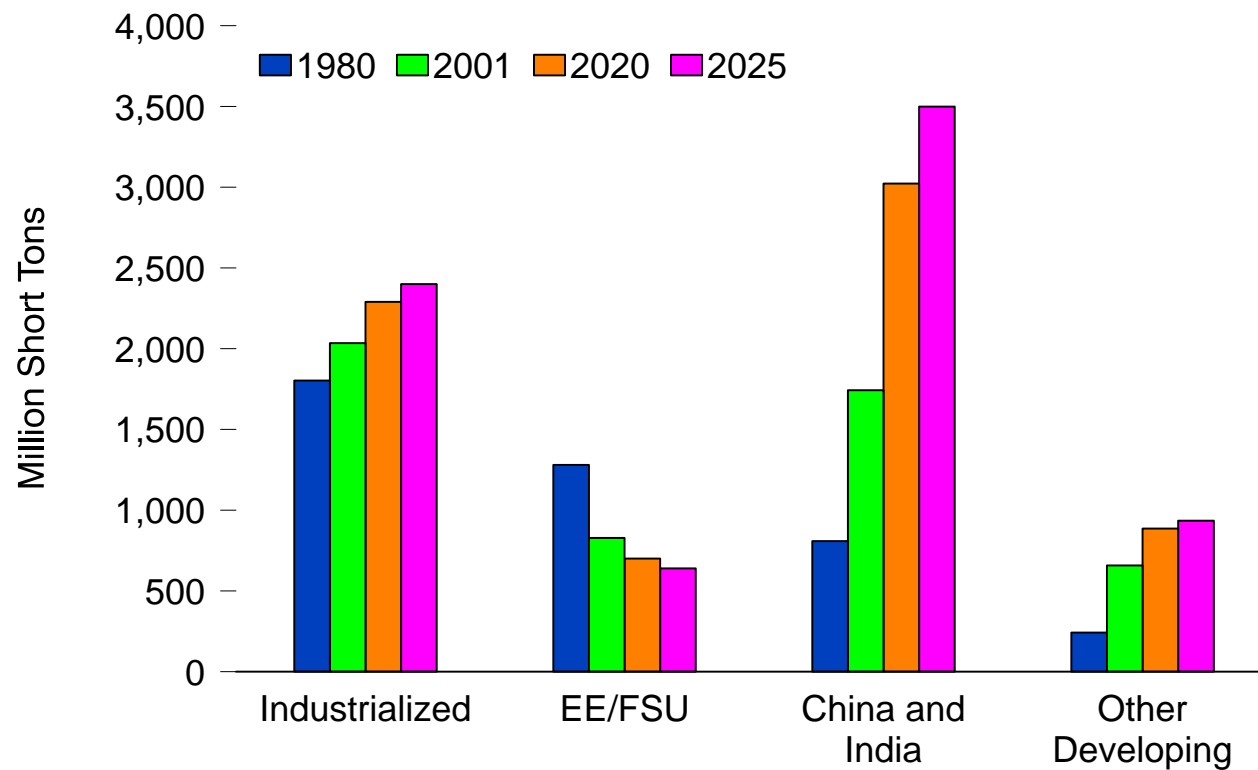
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# World Recoverable Coal Reserves as of January 1, 2001



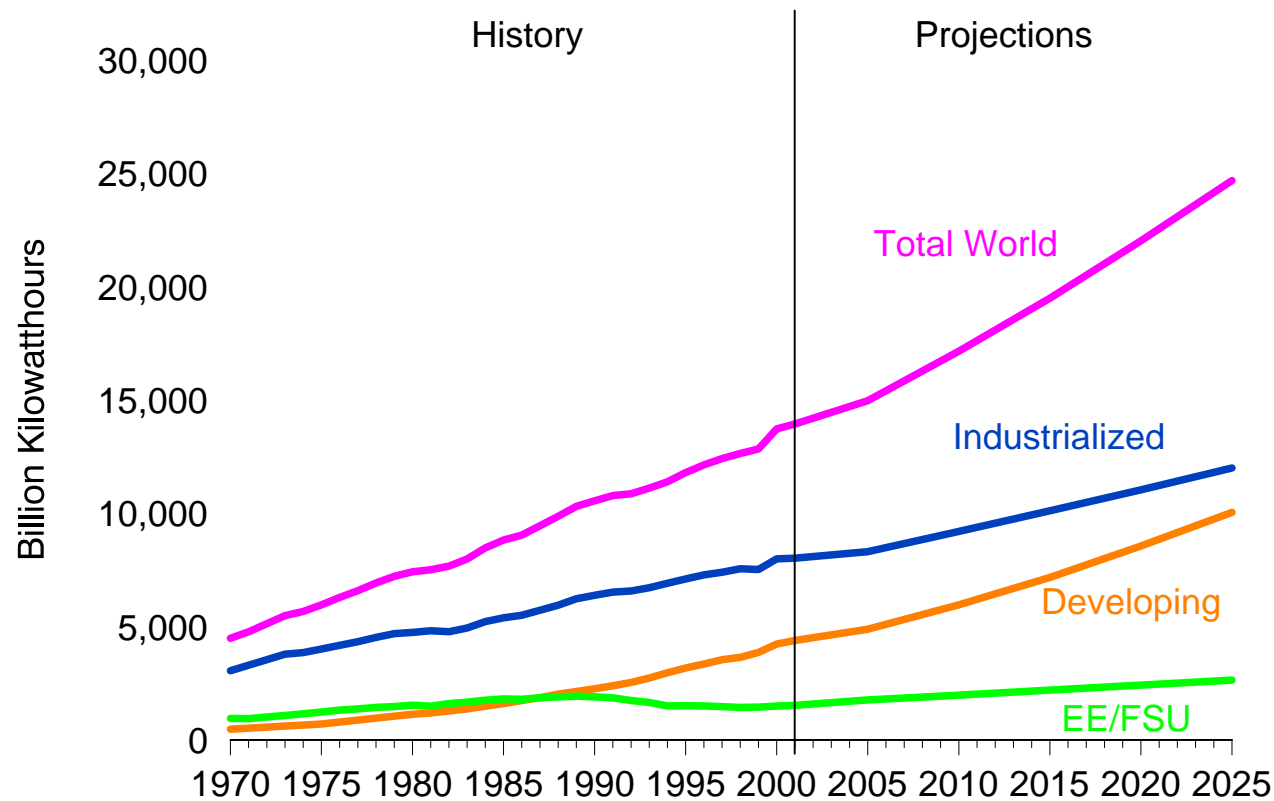
Source: EIA, *International Energy Annual 2000*

# Preliminary World Coal Consumption by Region, 1980, 2001, and 2025



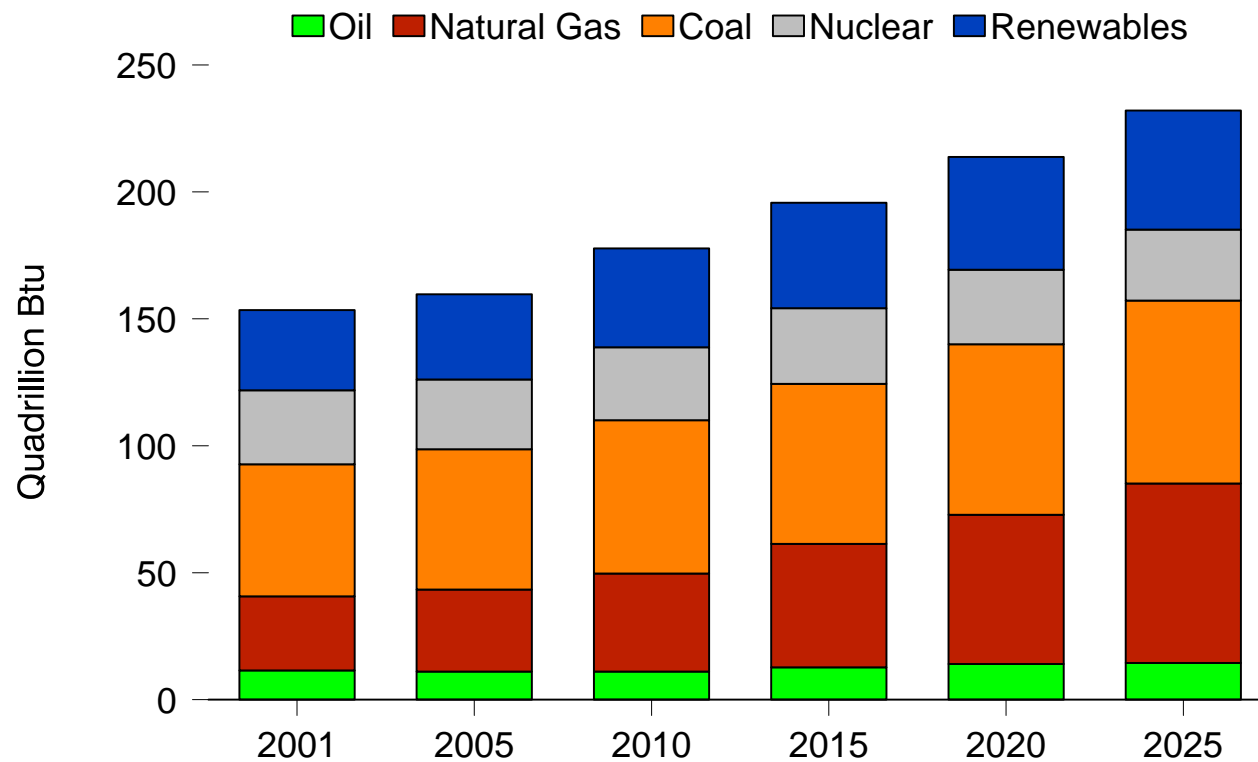
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary World Net Electricity Consumption by Region, 1970-2025



Source: EIA, System for the Analysis of Global Energy Markets (2003)

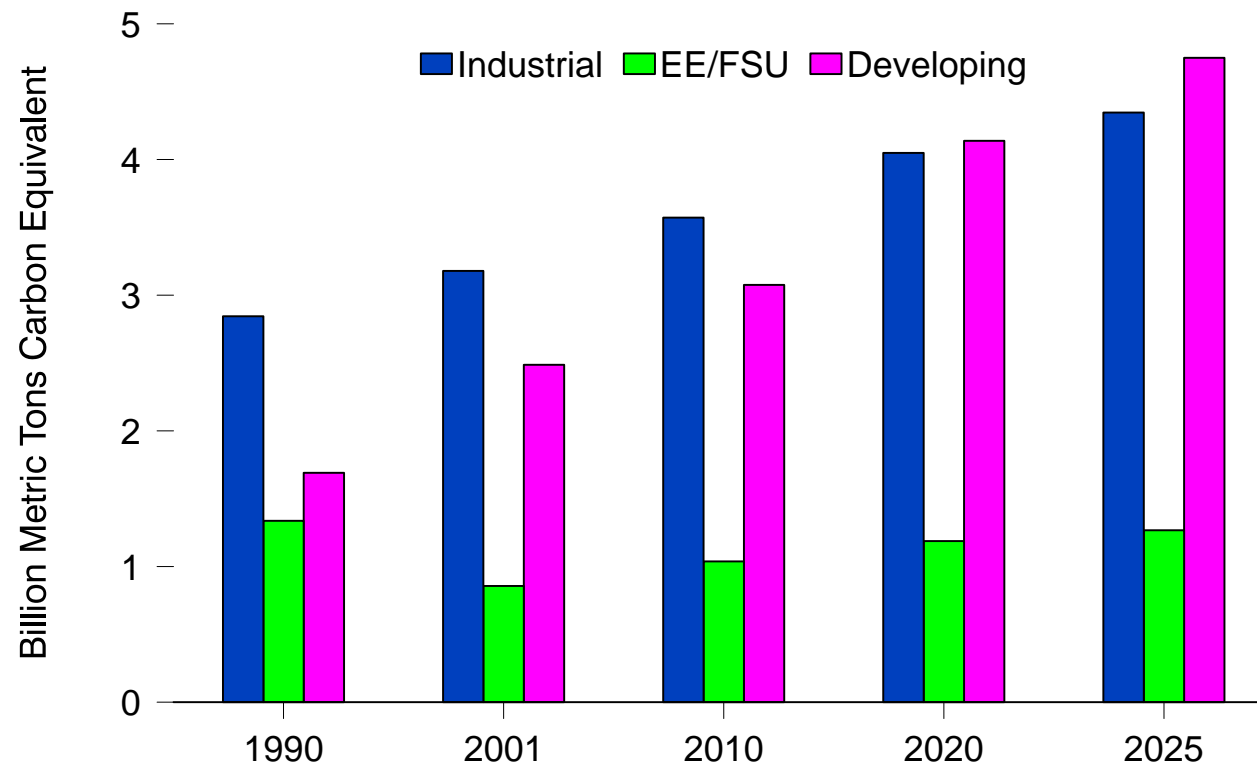
# Preliminary Energy Used for Electricity Generation by Fuel, 2001-2025



Source: EIA, System for the Analysis of Global Energy Markets (2003)

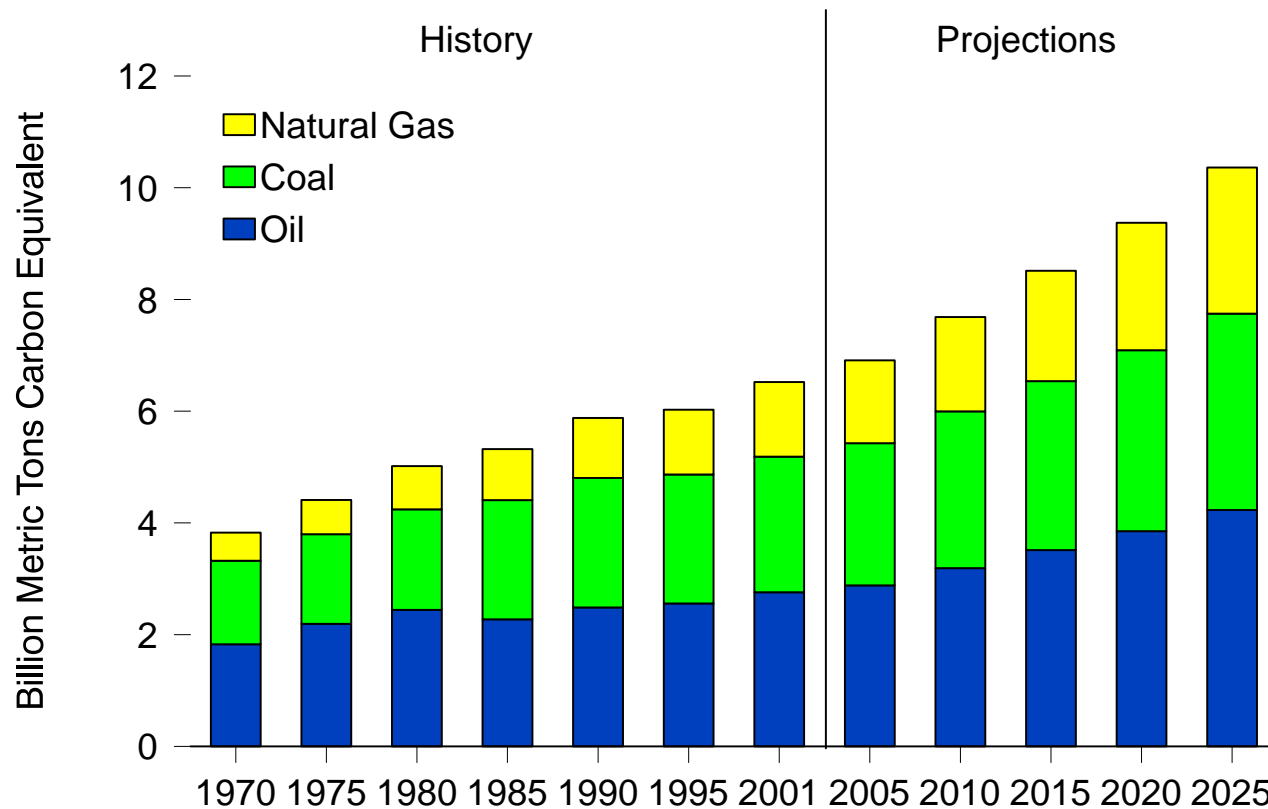


# Preliminary World Carbon Emissions by Region, 1990-2025



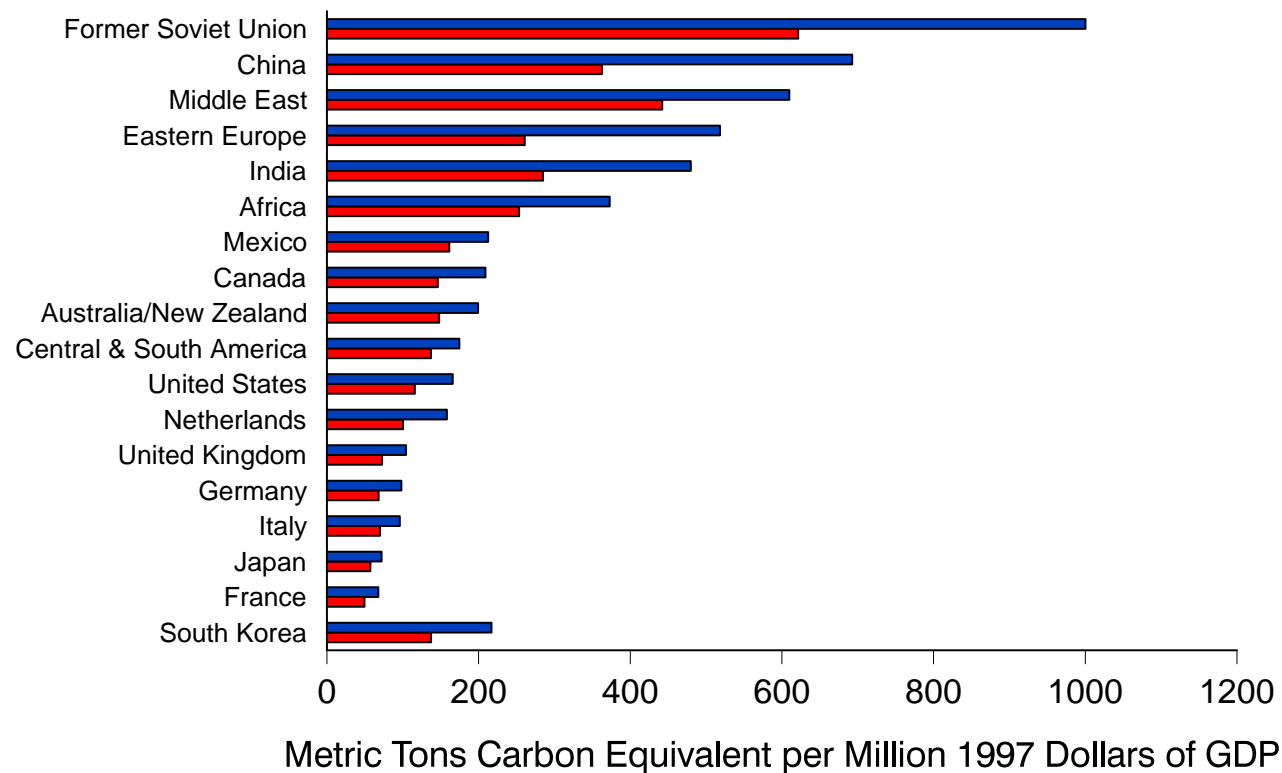
Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary World Carbon Emissions by Fossil Fuel Type, 1970-2025



Source: EIA, System for the Analysis of Global Energy Markets (2003)

# Preliminary Carbon Intensity for Selected Countries and Regions, 2001 and 2025



Source: EIA, System for the Analysis of Global Energy Markets (2003)